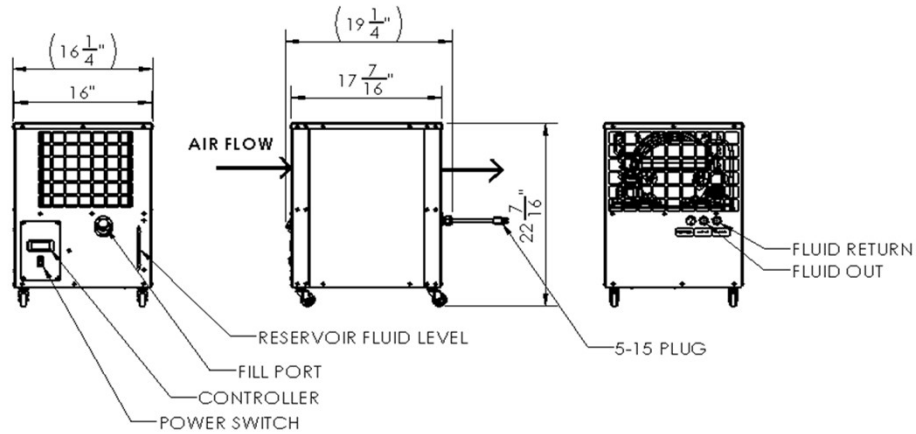




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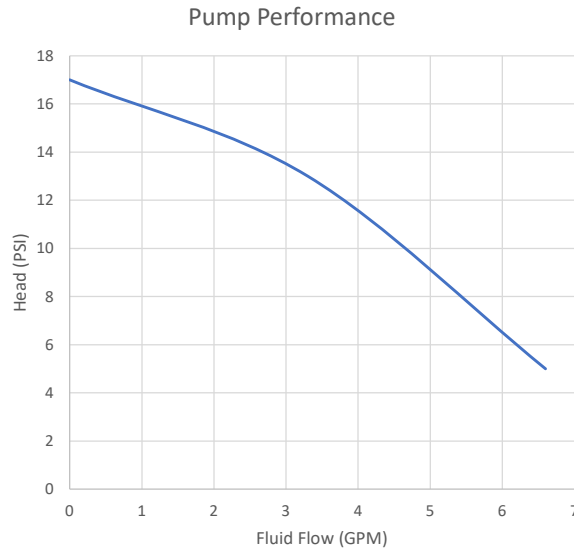
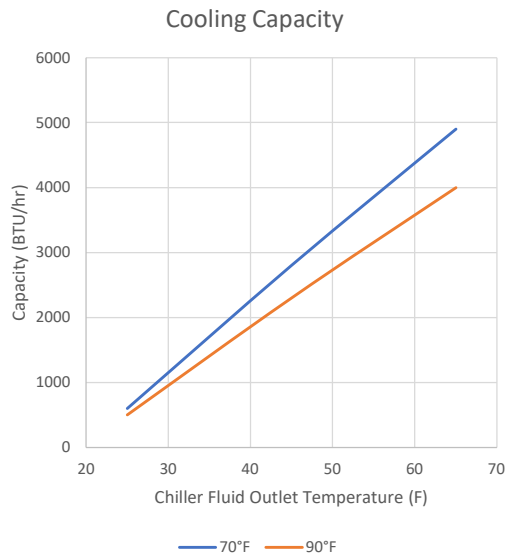
1/3 Ton Air Cooled Freeze Chiller

Dimensional Drawings



DEPTH	WIDTH	HEIGHT	WEIGHT	TANK CAPACITY	FLUID CONNECTIONS
19 1/4"	16 1/4"	22 7/16"	112 lbs	2.5 Gallon Poly Tank	5/8" BARBED

Chiller Performance



AG-Optimists, LLC
 3130 South 1030 West, Suite 1
 Salt Lake City, UT 84119
 (801) 244-9769
www.ag-optimists.com

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Standard Features and Benefits			
Performance	Working Temperature Range	15°F(-9°C) to 65°F(18°C)	
	Temperature Stability	±2	
	Cooling Capacity at 70F	25°F (-3.9°C) - 500 BTU/hr (150 Watts) 45°F (7.2°C) - 2,300 BTU/hr (670 Watts) 65°F (18.3°C) - 4,000 BTU/hr (1,170 Watts)	
	Ambient Temperature (Standard)	35°F - 100°F	
	Pump Performance	0 GPM @ 17 PSI 3.3 GPM @ 13 PSI 6.6 GPM @ 5 PSI	
User Interface	Controls	Electronic Programmed Temperature Controller with Constant (Setpoint & Process) Temperature Readout	
	Additional Features	Fluid Level Indicator	
Refrigeration Circuit	Compressor	Danfoss Reciprocating	
	Heat Exchanger	Brazed Plate Heat Exchanger	
	Refrigerant	R134a	
	Additional Features	Access Ports, Service Valves, Filter Drier, Thermostatic Expansion Valve (TXV)	
	Max Heat Rejection	5,100 BTU/hr (1.5 kW)	
Process Fluid Circuit	Pump	Continuous Duty, 60 Watt Centrifugal Pump	
	Inlet/Outlet	5/8" BARBED	
	Reservoir	2.5 Gallon Poly Tank	
	Additional Features	Inline Strainer, Reservoir, Fluid Temperature Sensor	
Construction	Frame	Galvanized Steel	
	Enclosure	Powder Coated Steel Enclosure with Easy Access Panels	
Quality	Warranty	1 Year Standard Warranty	
	UL/CSA Certified (Full Assembly)	ETL 3170655, UL STD 1994, CAN/CSA STD, C22.2 No. 236	
	Manufacturing	Manufactured in the U.S.A. Certified ISO 9001:2015 Company	
Power	Available Voltages	Max Amps (FLA)	Recommended Breaker/Service (MCA)
	120VAC /1P /60Hz (STANDARD)	9.4 Amps (std)	15 Amps (std)

Optional Upgrades	
UPGRADES	
More Options and Customization Available - Contact Factory for More Information	

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